

Planting Water*: Combining animals and trees to

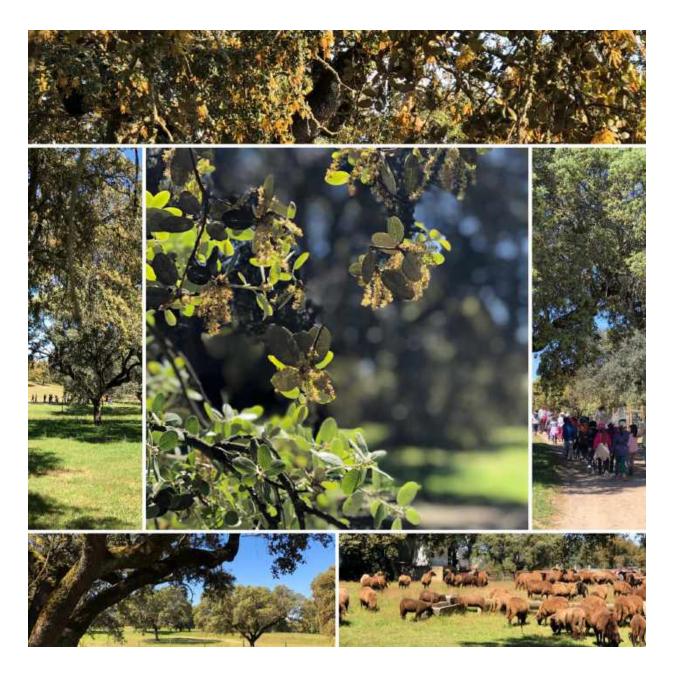


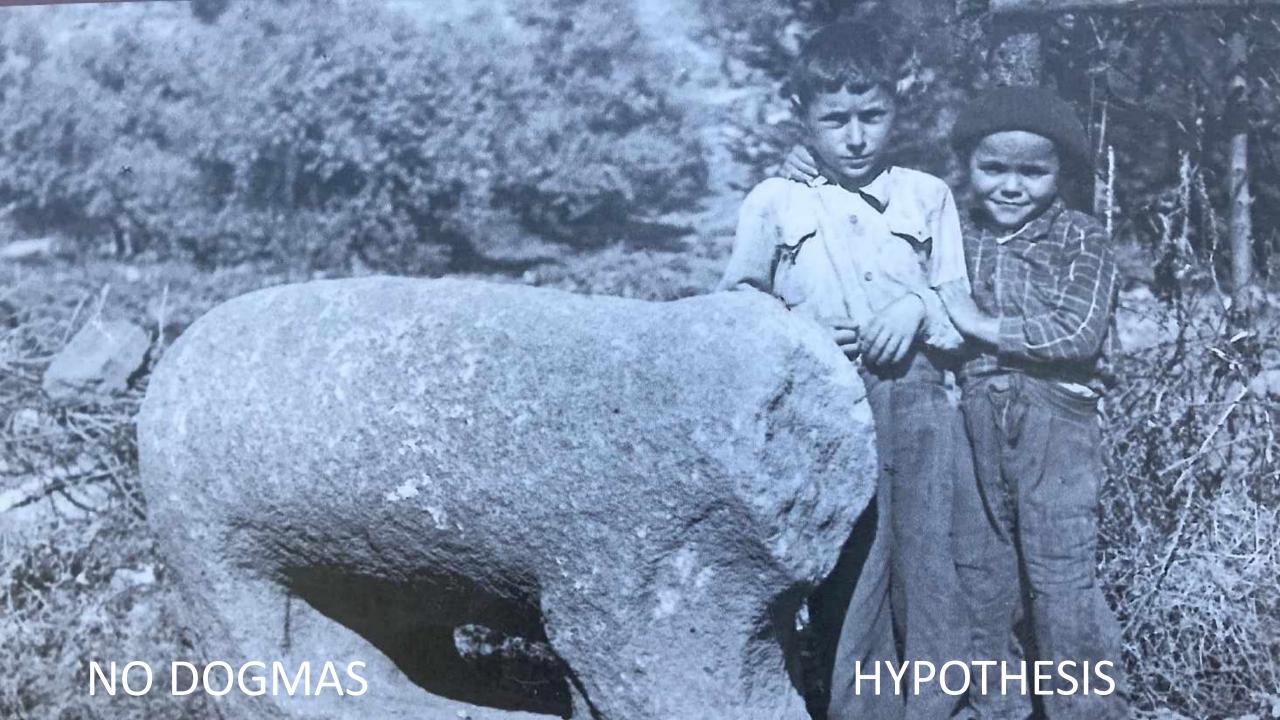
Montado do Freixo do Meio

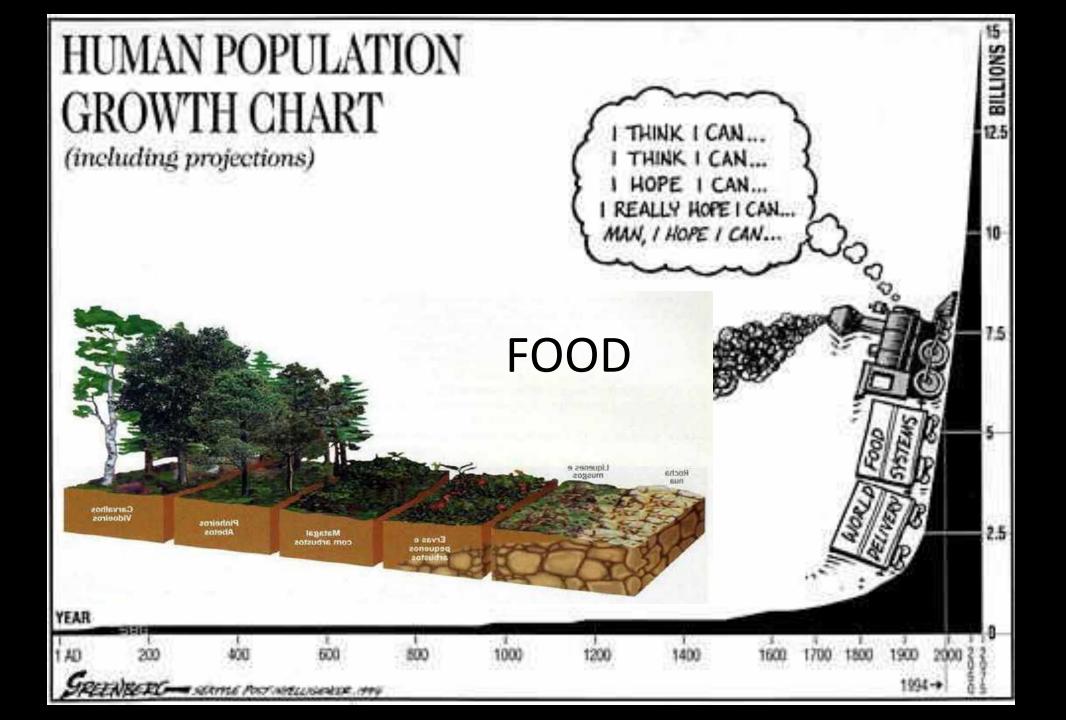
Portugal



Wath? Why?



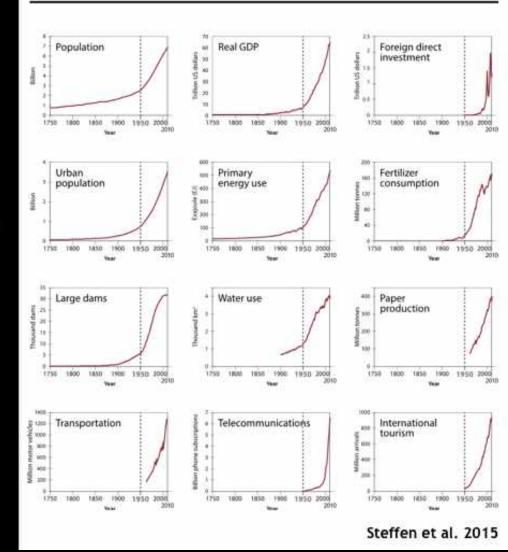


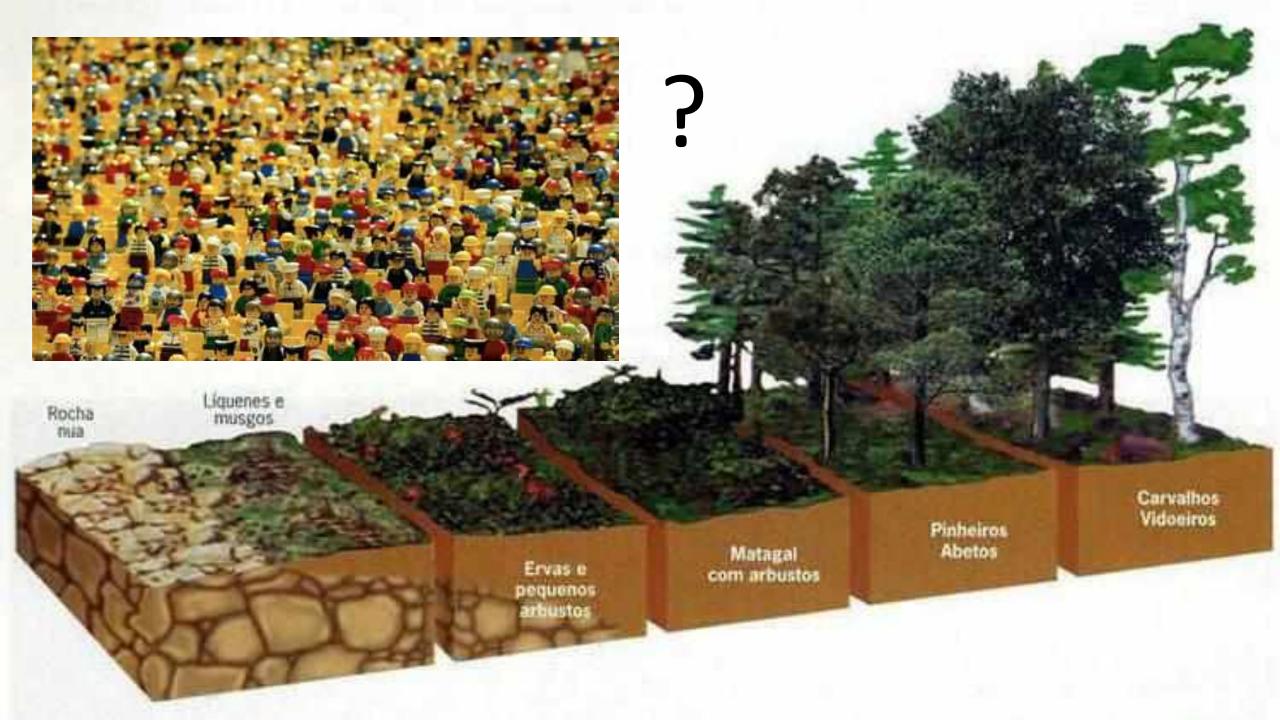


The Human Enterprise

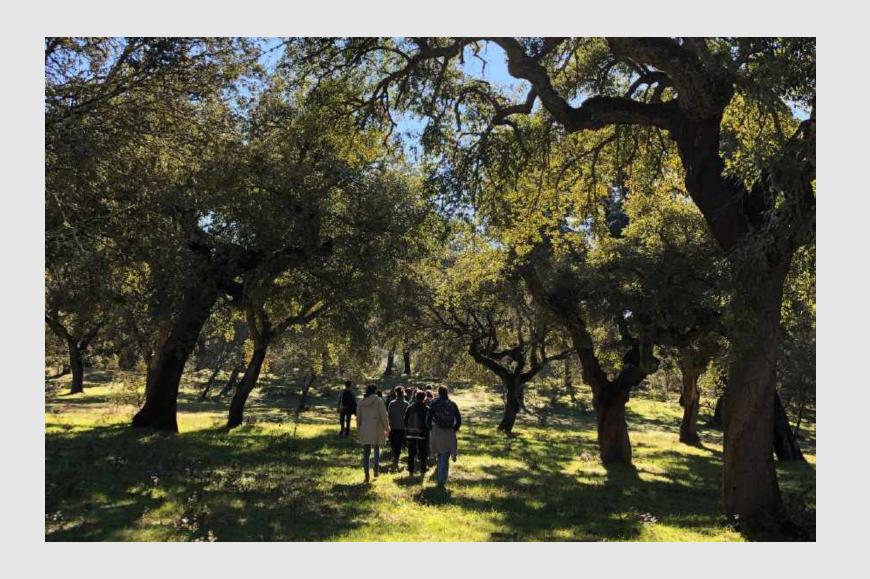
- Population
- Economic Growth
- Freshwater use
- · Energy use
- Urbanization
- Globalization
- Transport
- Communication

Socio-economic trends



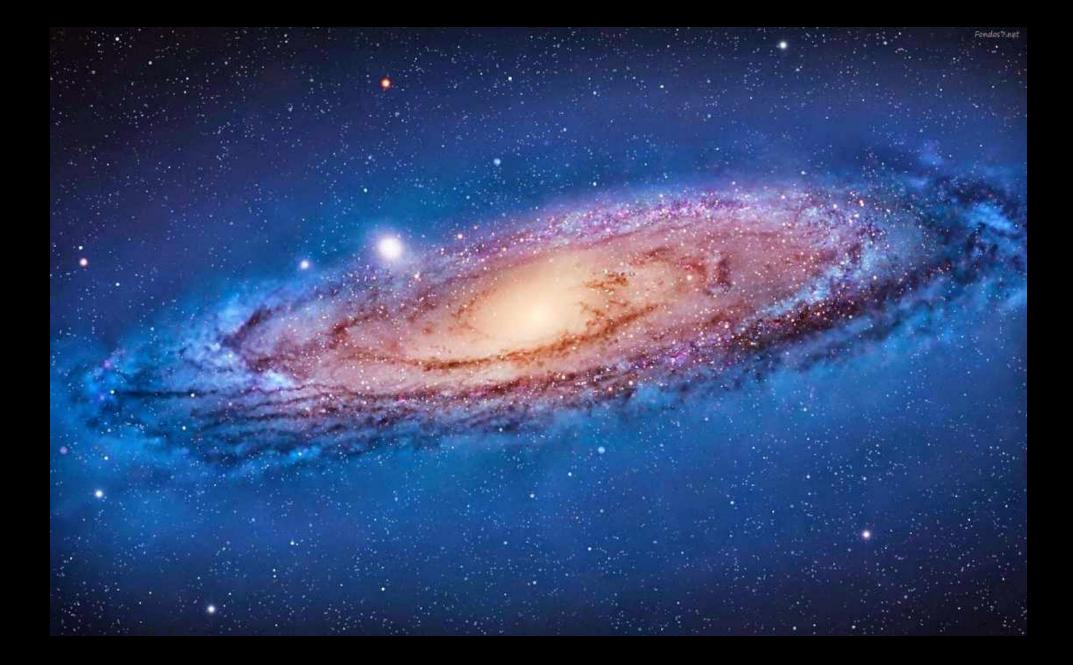






How?

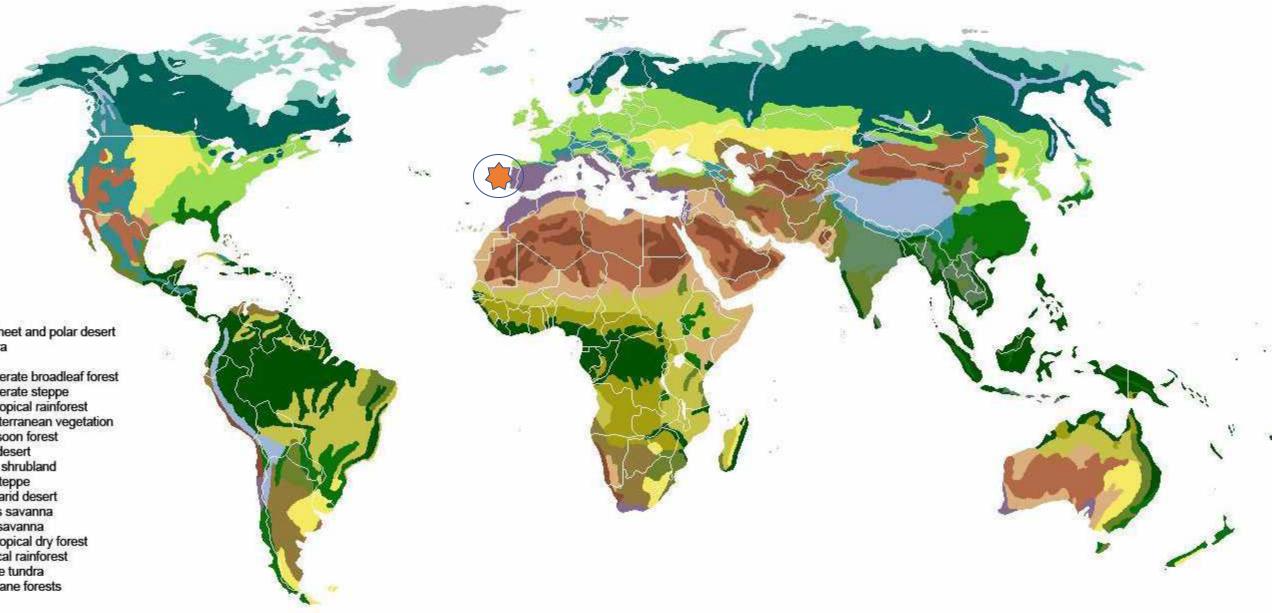
History Science Docta Ignorantia Intuition





Our planet is a single system - the Earth System

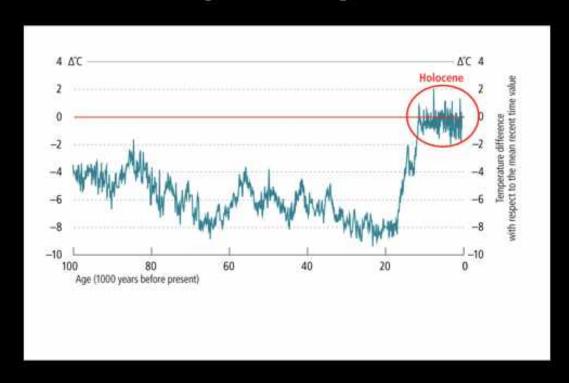




The main biomes in the world.



Human Development and Earth System Dynamics







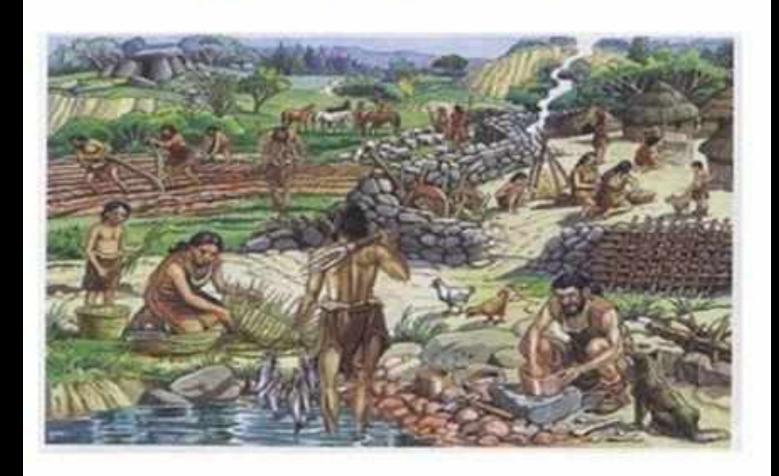




Escoural cave 25 km

Pedra alta Freixo do Meio

Figura 1: ilustração de civilização primitiva.



Fonte: http://mais-historia.webnode.com/pre-historia/ (2016)





X – XV Century

Montado

Montado?



Montado is an agro-floresty-pastural productive system, resulting from a continuos action of the man over the Iberic natural system in order to overcame climatic variability and social changes

Montado combines different productive activities over the same space, using the high biological and cultural richeness that is enhanced by the climatic vairability

Montado as optimal conditions Providing for soil and water conservation and carbon trapping

Montado is on of the european systems thas runs better the production eficiency versus biodiversity challange.

BASED:

Cooperation / Simbiosis

Eco-funcionality

Risk management



Montado = Eco-eficiency



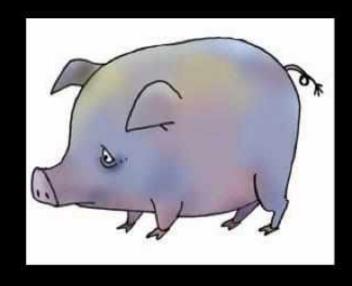


- •An uprising of man action over this system, resulting from non adapted politics and farm income decline,
- •overgrazing and monoculture, which under climatic variability led to soil degradation

Fragility of Montado



Terrestrial vertebrate biomass



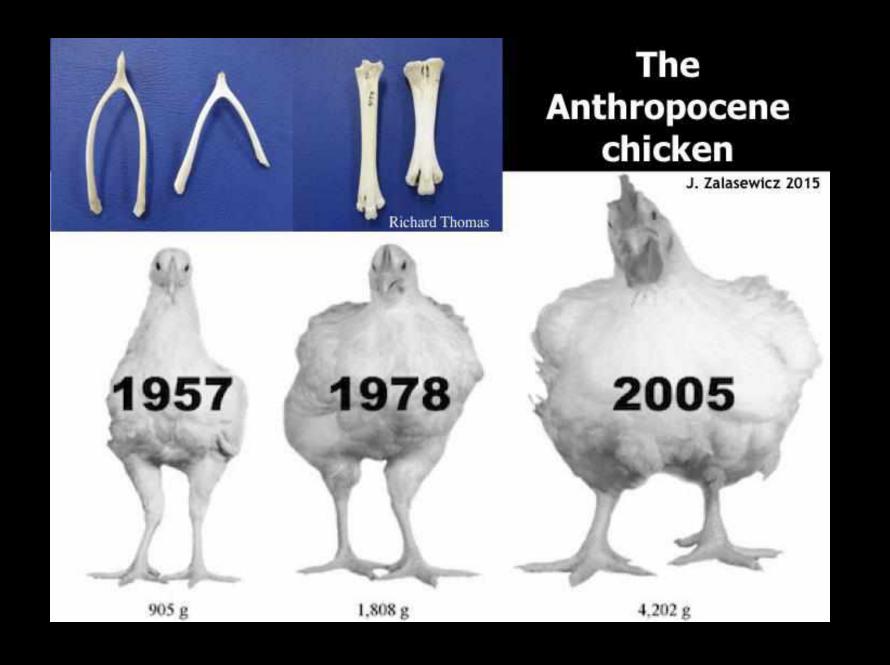
Domesticated animals ca 65%



Humans ca 32%



Vertebrate wildlife < 3%





25 APRIL 1974 FLOWER REVOLUTION PORTUGAL



































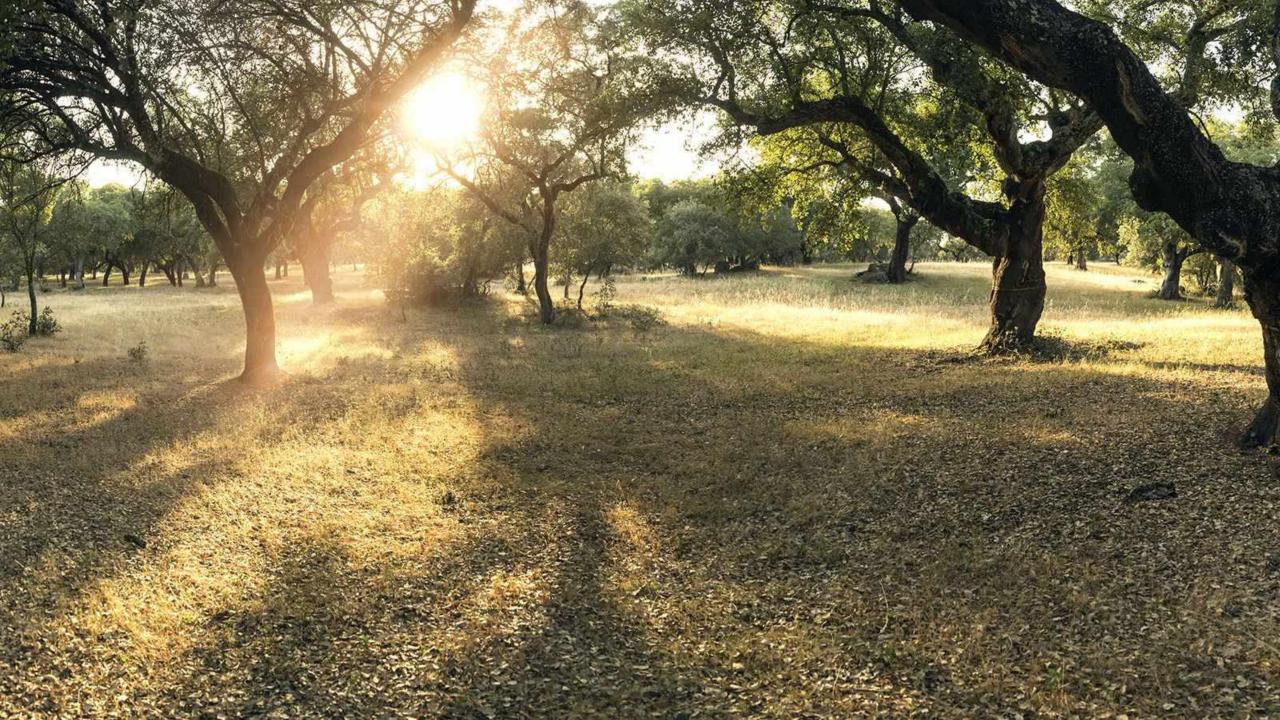
















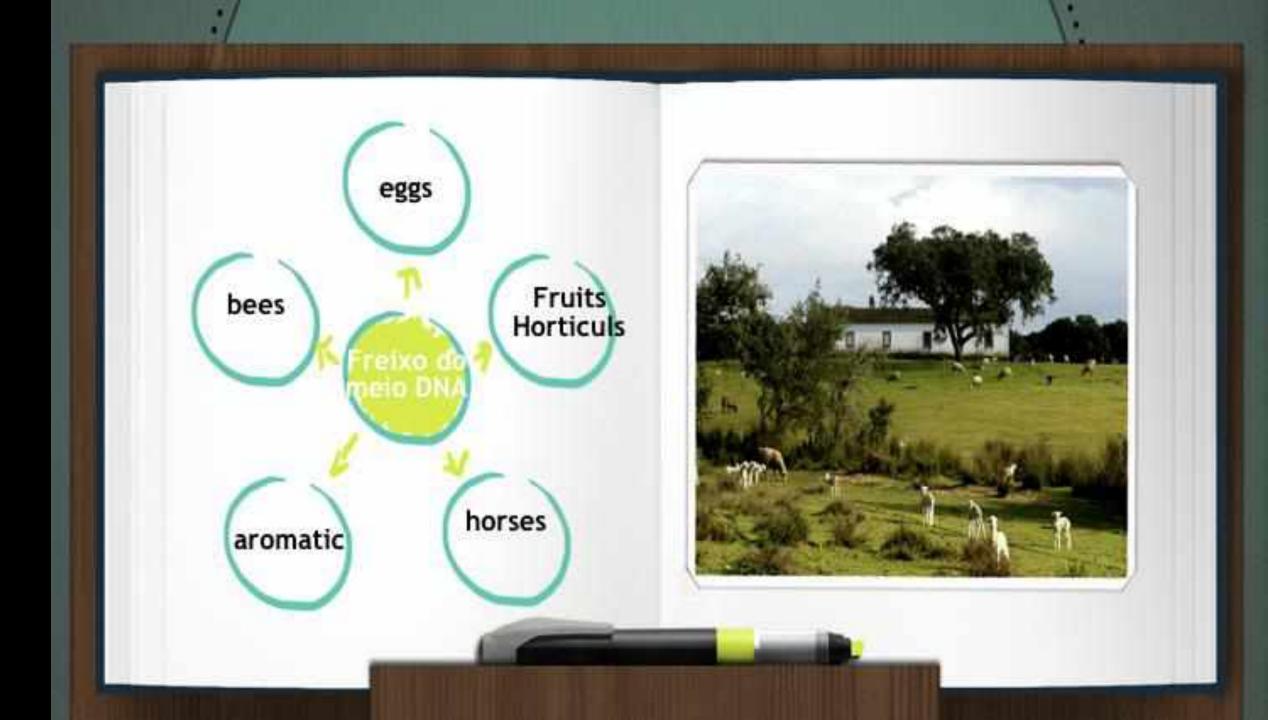


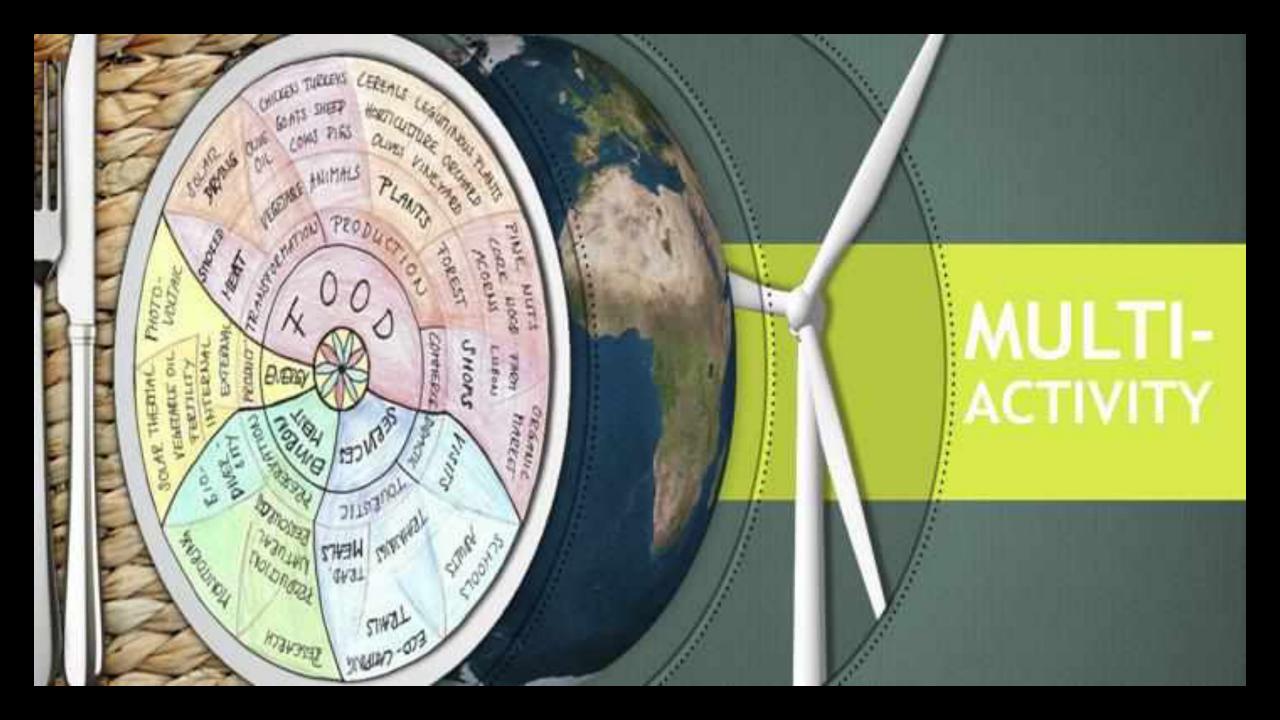


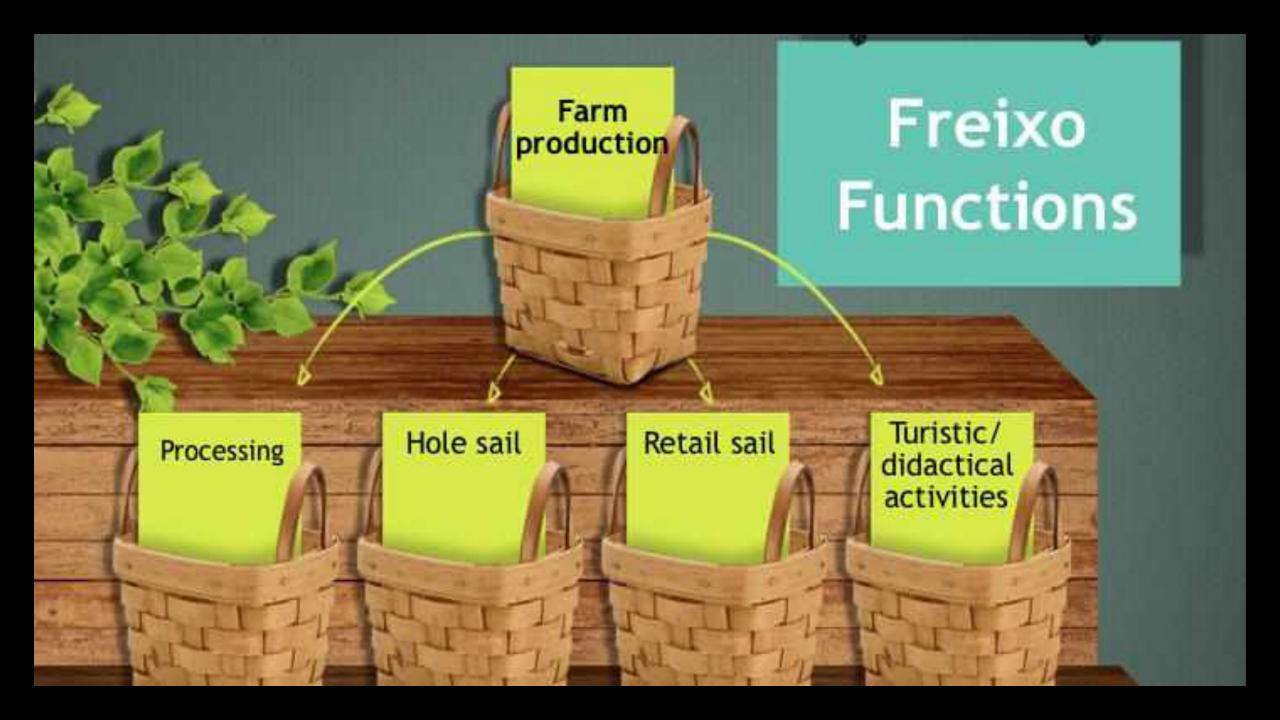


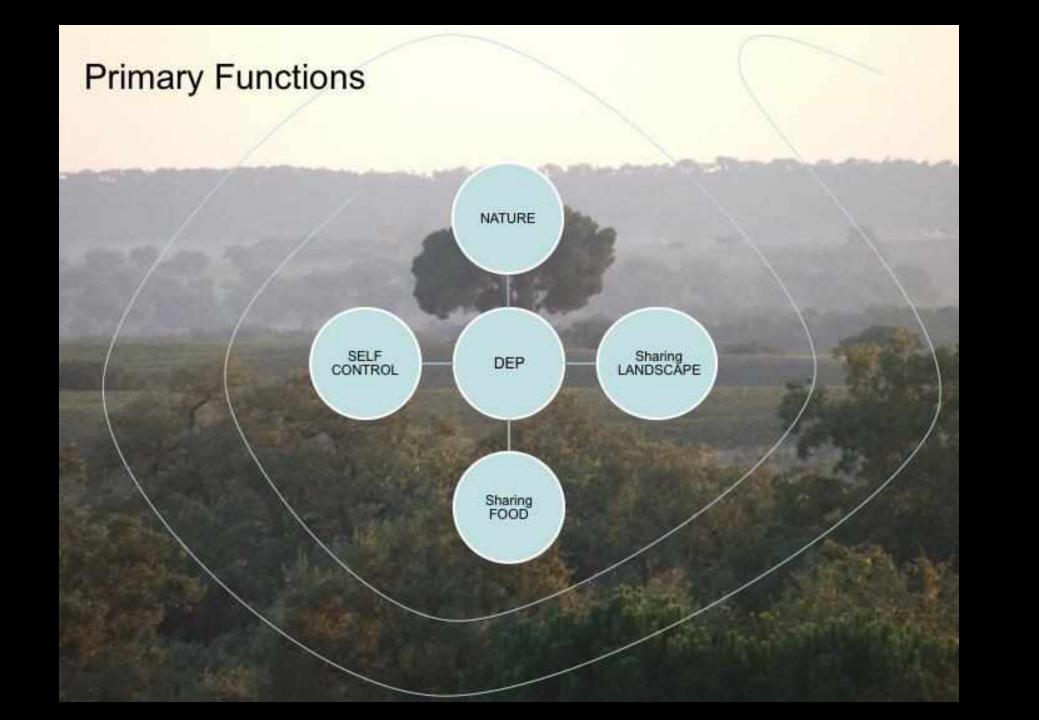






















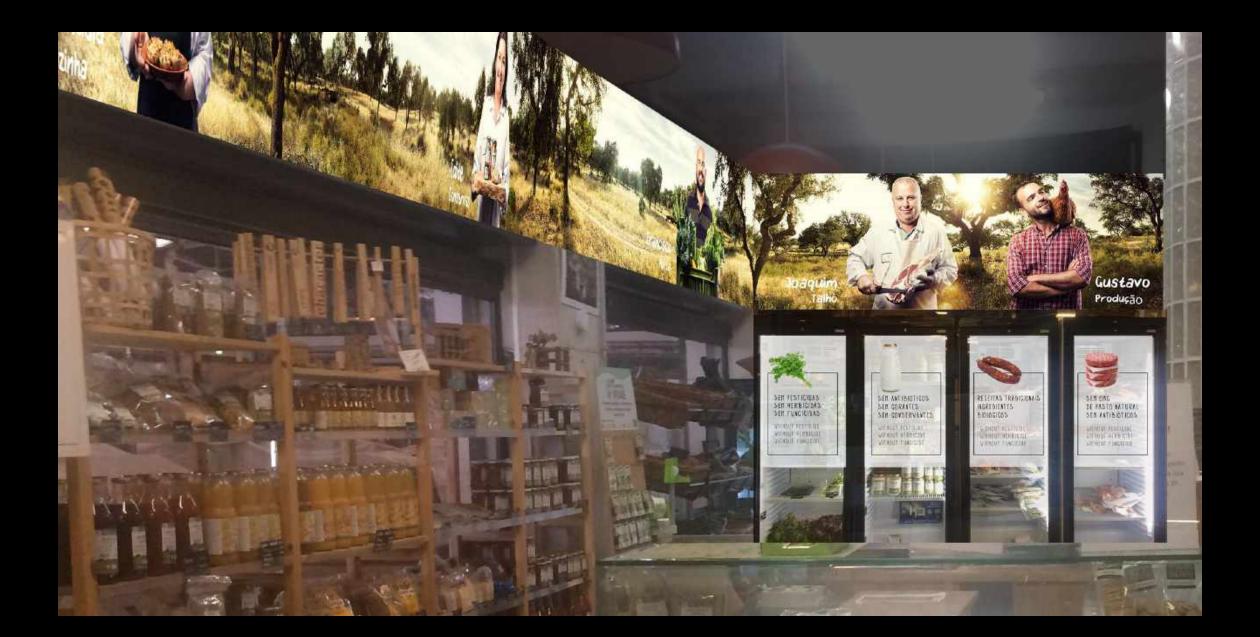




Loja do Produtor Organic Take Away

CSA-Partilhar as Colheitas

Terça-feira a Sábado das 10h as 20h Mercado da Ribeira-Cais do Sodre-Lisboa



>300 Food Products





Albert Howard Masanobu Fukuoka Viktor schaberger **Rudolf Stiener** Bill Molison David Holmgren Ana Maria Primavesi Miguel Alteiri Yeomans Allan Savory Gilles Lemieux Paco Casero **Paul Stamets Ernst Gotsch**













Acorn Food

















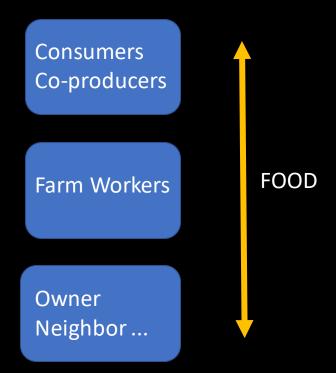
Social:

Useres Cooperative Freixo do Meio Intergral Cooperative

CSA Program Sharing the Harvest 130 families

Sociocracy

Users Cooperative



Projects



